

(1)

3/30/12

Frank  
S. EPA  
Brian, Susan, Michelle, ~~Susan~~, Kevin, Paul Minor PA DEP

Michelle - reached Jamie w/ W. Virginia

→ 12/10 AL Solutions New Cumberland

WVA had a fire and/or explosion

- State issued an order to AL Solutions

Michelle has a report

→ 3 killed.

1/4/12 state order

Rochester, PA black drum w/ pink band

= zirconium swarf waste

- n - will let EPA Region III + W. Virginia

know about the dangers at AL Solutions

1,000s of drums of swarf on site  
for over a year

W.L. Chang, OR

Kevin - 1995 sent → Philip Service in Kent, WA

waste caught fire. Kevin pulling files.

- Crook County LF - May 2011

→ May CL fire. - Zirconium fires

are a result of ESI brine production

→ Not the W.L. Chang OR waste.

Michelle W.I. read 55 gallon drums from W.L. Chang/  
Veolia inside 85 gallon yellow over pack.  
in December '11.

(2)

1310 drums since 2006, 50 have been split  
of 1310. 27 shipments.

All 30 gall except for 1 in 40 +  
recent shipment.

~~Wan Chang~~ → Frank Hamilton/Wan Chang  
this shipment is the 1st <sup>from</sup> WC/OR shipped  
Rockfish, PA under ~~their~~ WC/OR profile.

- ~~PP/PA~~ likely could no longer send this waste  
to AL Solutions is why it went to OR.
- WC/OR revised in July 2011.

- ~~Paul~~ PP/PA document of 40 drums shipped to  
WC/OR. WE claimed ownership of the burnings  
as they were recyclable.  
Shipping order will send to group. Used to  
be Resme Metals.

36 drums in storage now. PP/PA has been  
instructed to be on hold w/ shipping the waste.

- Nobody wants the waste be in 55 gallons, only  
30's.

- Michelle one of the drums had a pint sized  
metal can in it.



With Chay / opened the drums

→ Came to OR as a potentially recycled material  
Since ~~they~~ the WC/OR decided not to recycle  
it → WC/OR became the smelter.

1st <sup>6</sup> gallon drums had holes in the lid.

30 gallon ~~cans~~ is the size limit for  
the furnace. 8th drum did not have  
a lid.

- Drums may have been punctured for some reason.
- WC/OR added oil to the drums

WC/OR  
Oxide the zirconium do recirculate Zr  
to use in making new Zr products.

PF/PA may have been the source of the aluminum  
+ silica are to sanding

- Was the WTE load a "mixed" load from  
WC/OR? PF/PA wash plus WC/OR wash?

PF/PA directed by WC/OR on how to manage  
the waste at PF/PA. 36 gallons on site  
2 stacks of 55 gallon drums. WC/OR told them  
to switch to 30 gallon drums.

④

WTI has an internal document on review of the incident.

PF/PA used "used drums" to ship the waste.

These drums may have had residues +/or been in poor shape.

WTI visited OR + PA in January

Split 6 drums before a problem. Noticed a problem.

WTI called Veolia. Veolia said asphalt oil was used.

Contractually WC/OR told PF/PA when to send the ZR fines.

→ WC/OR is saying this is the 1st time PF/PA waste was sent to WTI.

Does Paul have a copy of the letter?

→ WTI saying that drums on site are not going to be opened or sampled on site.

#7 drum had non felt swarf on top (cutting + grindings)